

Amendments to Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

1. (Currently Amended) A method for transmitting a web page, comprising steps of including:
receiving a request for a web page;
ascertaining if a set of compressed information related to said web page is
present in a cache at a first server, the ; ~~wherein said set of compressed~~
information comprising ~~comprises~~ a set of static elements of the ~~included~~
~~in said web page;~~
serving the ~~said~~ set of compressed information from the ~~said~~ cache to a user in
response to the ~~said~~ request; and
~~serving a set of dynamic information from a said first server or a second server to~~
the said user in response to the request; and
~~decompressing said compressed information at a client device.~~
2. (Currently Amended) A method as in claim 1, wherein the receiving step
comprises receiving the ~~said~~ request ~~is received by one of an originating server,~~
a proxy encoder server, and ~~or~~ a mirroring server.
3. (Currently Amended) A method as in claim 1, wherein the ~~said~~ set of
compressed information comprises ~~includes~~ a compressed version of all
elements of the ~~said~~ web page.
4. (Currently Amended) A method as in claim 1, wherein the ~~said~~ set of
compressed information comprises ~~includes~~ a Huffman tree corresponding to the
a web page.

5. (Currently Amended) A method as in claim 1, wherein the serving step comprises serving the set of compressed information from said first server is a mirroring server.
6. (Currently Amended) A method as in claim 1, further comprising including steps of:
ascertaining if the said set of compressed information is cached at another location;
obtaining the said set of compressed information from the other location; and
caching the said set of compressed information at the said first server.
7. (Currently Amended) A method for transmitting a web page, comprising steps of including:
identifying a set of static information included in a web page;
compressing the said set of static information;
caching the compressed said set of static information in a cache at a first server;
and
transmitting the compressed said set of static information from the said cache at the said first server to another location in response to a user request; ~~and decompressing said set of static information.~~
8. (Currently Amended) A method as in claim 7, wherein the said first server is selected from a group consisting of: ~~includes~~ an originating server, mirroring server, and ~~or~~ proxy encoder server.
9. (Currently Amended) A method as in claim 7, wherein the said location is selected from a group consisting of: ~~includes~~ a client device and a mirroring server.

10. (Currently Amended) A method as in claim 7, wherein the compressing step comprises generating a Huffman tree corresponding to the set of static information of the web page ~~said location includes a mirroring server.~~
11. (Currently Amended) A method as in claim 7, further comprising ~~including~~ steps of:
caching the compressed ~~said~~ set of static information at a second ~~said~~ location;
and
serving the compressed ~~said~~ set of information from the ~~said~~ second location to a client device.
12. (Currently Amended) A method for transmitting a web page, comprising steps of ~~including~~:
identifying a set of static information and a set of dynamic information included in a web page;
determining if the ~~said~~ a compressed version of the ~~said~~ set of static information is present in a cache;
~~determining if a compressed version of said set of dynamic elements is present in a cache;~~
transmitting the compressed version of the ~~said~~ set of static information from the ~~said~~ cache to another ~~a second~~ location; and
serving the ~~transmitting said~~ set of dynamic elements to a client device; and
~~decompressing said set of static information and said set of dynamic information and integrating them at a client device.~~
13. (Currently Amended) A method as in claim 12, further comprising ~~including~~ steps of:
compressing the ~~said~~ set of static information; and
caching the compressed ~~said~~ set of static information in the cache.

14. (Currently Amended) A method as in claim 12, further comprising including steps of:
compressing the said set of dynamic information; and
caching the compressed said set of dynamic information in the cache.
15. (Currently Amended) A method as in claim 28 42, wherein the said step of decompressing is performed by software that is proximate to the said client device.
16. (Currently Amended) A method as in claim 28 42, wherein the said step of decompressing is performed automatically by a browser associated with the client device said location.
17. (Currently Amended) A first server An apparatus for transmitting a web page, comprising including:
~~a first server device, including a first cache of compressed static information, the~~
compressed static information comprising a set of static elements of the
web page; and
web service that serves the compressed static information to a user in response
to a request for the web page ~~a second server device, including a second~~
~~cache of compressed static information and a software program for~~
~~distinguishing one or more elements in a web page and compressing the~~
~~elements; and~~
~~a client device, including software for decompressing static information and~~
~~dynamic information and integrating them.~~
18. (Currently Amended) An apparatus, as in claim 17, wherein the said first server apparatus device is a mirroring server.

19. (Currently Amended) A system for use on a communication network having the first server apparatus of ~~An apparatus as in claim 17~~ and further having a ~~wherein said second server, the second server comprising software programmed to: (i) distinguish static elements from dynamic elements in a web page, (ii) compress the static elements as compressed static information, and (iii) store the compressed static information in a second cache in the second server is an originating server.~~
20. (Currently Amended) A system ~~An apparatus as in claim 19~~ 47, wherein the said second server is selected from a group consisting of an originating server and a proxy encoder server.
21. (Currently Amended) An apparatus as in claim 17, wherein the one or more elements in a web page comprises both the ~~include at least~~ static elements and at least one dynamic elements.
22. (Currently Amended) A system ~~An apparatus as in claim 19~~ 47, wherein the said software is further programmed to compare ~~includes a comparison element for comparing information at the said first server or the said second server with the compressed static information previously served to a user at said client, calculate calculating the difference as a delta information and compress the delta information compressing it.~~
23. (New) A system for use on a communication network having the first server apparatus of claim 22 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress received compressed static information and compressed delta information and (ii) integrate the static and delta information into a web page.

24. (New) A system for use on a communication network having the first server apparatus of claim 17 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress received compressed static information, (ii) receive dynamic information of a web page and (iii) integrate the static and dynamic information into a web page.
25. (New) An apparatus, as in claim 17, wherein the compressed static information comprises a Huffman tree corresponding to the web page.
26. (New) A method as in claim 1 further comprising a step of decompressing the compressed information at a client device.
27. (New) A method as in claim 7 further comprising a step of decompressing the compressed set of static information at a client device.
28. (New) A method as in claim 12 further comprising steps of:
decompressing the compressed version of the set of static information at the client device;
receiving the set of dynamic information at the client device; and
integrating the static and dynamic sets into a web page at the client device.